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Approved For Release 2001/04/02 : CIA-RDP78B0

25X1A

10 November 1960

MEMORANDUM FOR: Chief, TISD

SUBJECT: Contract Inspection

1. On 9 November 1960 the undersigned visited [REDACTED] in [REDACTED] for the purpose of reviewing the final engineering drawings on the 4X enlarging printer, Contract Number [REDACTED]. This item is being built for the US Army, based on the prototype delivered to this Agency approximately one year ago.

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2. The Mark II model of this printer will not have the step and repeat printing feature but will have a removable light source which enables the printer to be used as a continuous flow copying camera. Interchangeable heads, which include the light source, the condenser system and the objective, will permit the use of 35mm and 16mm formats at enlarging ratios of 9 diameters for 35mm and 16 diameters for 16mm. These two additional interchangeable heads are not included in the price of the present contract but will be supplied as optional and extra equipment at approximately [REDACTED] each. All of these modifications and changes have been approved by [REDACTED] of the Army Map Service. (See memorandum dated 13 September 1960.)

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3. In order to record the titling data on the edge of the 70mm negative or positive format on the 9½" printing material, it is necessary to reduce the enlarging factor from 4 diameters to 3.5 diameters. This further change was authorized by the contract monitor on 9 November subject to approval by the Contracting Officer and those persons in the Army group for whom the printer is being manufactured.

4. [REDACTED] will visit this office on 16 November for the purpose of installing new negative spindles and an automatic belt tensioning device on the 4X enlarging printer now on hand in the DMD laboratory. It would be advisable to have full concurrence from those interested parties regarding the enlargement factor change at this time.

5. The Mark II printer will incorporate several design improvements and promises to be considerably more reliable in its operation. All magnetic clutches have been replaced by torque or tendency drive motors. The threading and loading and unloading operations will be greatly facilitated by an improved design in these areas. The main drive motor will be isolated in the lower compartment of the cabinet and will be secured by vibration absorbing mounts. An improved hanovia mercury vapor light source will be included. This light source has a higher wattage

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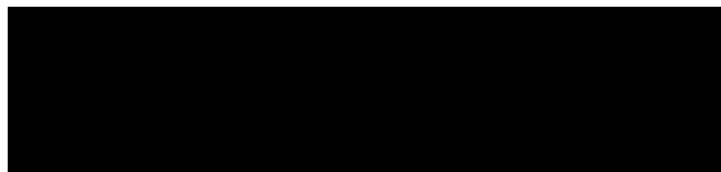
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output and a smaller diameter (3/10mm) aperture which may make possible either the elimination of the speed reduction gears or a smaller printing aperture which would increase resolution. The engineering drawings are now complete and manufacture of hardware has begun at [REDACTED]

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